Response Factor Report BNA_N

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\
Method File : 8270-SIM-BN082923.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue Aug 29 05:37:30 2023
Response Via : Initial Calibration

Calibration Files
0.1 =BN027222.D 0.2 =BN027223.D 0.4 =BN027224.D 0.8 =BN027225.D 1.6 =BN027226.D 3.2 =BN027227.D 5.0 =BN027228.D

		Compound	0.1	0.2	0.4	0.8	1.6	3.2	5.0	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------ISTD----------								
2)		1,4-Dioxane	0.588	0.530	0.520	0.504	0.398	0.441	0.438	0.488	13.41
3)		n-Nitrosodimet...	0.539	0.535	0.510	0.546	0.463	0.513	0.519	0.518	5.34
4)	S	2-Fluorophenol	1.287	1.196	1.018	1.091	0.846	0.911	0.950	1.043	15.19
5)	S	Phenol-d6	1.452	1.374	1.241	1.329	1.049	1.171	1.259	1.268	10.54
6)		bis(2-Chloroet...	1.284	1.291	1.242	1.286	1.081	1.184	1.212	1.226	6.18
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.285	0.273	0.305	0.306	0.252	0.292	0.328	0.292	8.51
9)		Naphthalene	1.162	1.087	1.086	1.120	0.944	1.086	1.151	1.091	6.61
10)		Hexachlorobuta...	0.220	0.216	0.220	0.213	0.173	0.188	0.195	0.203	9.14
11)	SURR	2-Methylnaphth...	0.603	0.579	0.609	0.615	0.508	0.579	0.619	0.587	6.54
12)		2-Methylnaphth...	0.764	0.783	0.809	0.816	0.670	0.768	0.820	0.776	6.66
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.154	0.144	0.137	0.144	0.120	0.153	0.184	0.148	13.08
15)	S	2-Fluorobiphenyl	1.426	1.452	1.539	1.603	1.365	1.545	1.717	1.521	7.80
16)		Acenaphthylene	1.692	1.701	1.790	1.826	1.612	1.945	2.179	1.821	10.50
17)		Acenaphthene	1.221	1.204	1.238	1.240	1.065	1.223	1.312	1.215	6.14
18)		Fluorene	1.578	1.594	1.665	1.681	1.418	1.649	1.756	1.620	6.58
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...	0.005	0.005	0.005	0.006	0.005	0.006	0.007	0.006	13.21
21)		4-Bromophenyl-...	0.187	0.196	0.204	0.218	0.188	0.230	0.253	0.211	11.51
22)		Hexachlorobenzene	0.251	0.252	0.248	0.258	0.216	0.254	0.272	0.250	6.80
23)		Atrazine	0.150	0.150	0.149	0.153	0.133	0.173	0.197	0.158	13.21
24)		Pentachlorophenol	0.101	0.087	0.087	0.091	0.077	0.105	0.127	0.096	16.88
25)		Phenanthrene	1.151	1.138	1.161	1.210	1.025	1.222	1.325	1.176	7.81
26)		Anthracene	0.901	0.916	0.945	1.003	0.883	1.109	1.234	0.999	12.95
27)	SURR	Fluoranthene-d10	1.011	0.990	0.992	1.018	0.844	1.008	1.097	0.994	7.60
28)		Fluoranthene	1.385	1.347	1.372	1.419	1.195	1.433	1.533	1.384	7.40
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	1.664	1.624	1.589	1.568	1.369	1.576	1.743	1.590	7.24
31)	S	Terphenyl-d14	0.956	0.828	0.759	0.777	0.673	0.764	0.867	0.804	11.27
32)		Benzo(a)anthra...	1.366	1.352	1.315	1.374	1.194	1.416	1.582	1.371	8.51
33)		Chrysene	1.530	1.511	1.557	1.566	1.305	1.494	1.589	1.507	6.31
34)		Bis(2-ethylhex...	0.781	0.733	0.670	0.558	0.490	0.630	0.769	0.662	16.59
35)	I	Perylene-d12	----------ISTD----------								

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36)		Indeno(1,2,3-c...	1.424	1.501	1.442	1.702	1.475	1.821	2.003	1.624	13.75
37)		Benzo(b)fluora...	1.422	1.472	1.453	1.605	1.378	1.703	1.804	1.548	10.29
38)		Benzo(k)fluora...	1.579	1.542	1.470	1.598	1.386	1.730	1.832	1.591	9.49
39)	C	Benzo(a)pyrene	1.317	1.383	1.362	1.477	1.303	1.573	1.716	1.447	10.48
40)		Dibenzo(a,h)an...	1.059	1.163	1.128	1.344	1.175	1.449	1.594	1.273	15.31
41)		Benzo(g,h,i)pe...	1.354	1.424	1.364	1.557	1.320	1.589	1.723	1.476	10.16

(#) = Out of Range